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 OUR REF.: G&C 122.45-US-U1
 TELEPHONE: (310) 642-4146

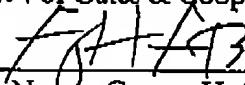
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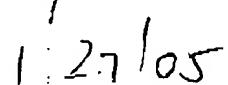
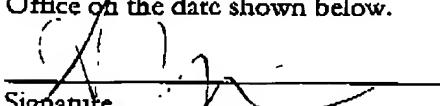
If you do NOT receive all of the pages, please telephone us at (310) 641-8797, or fax us at (310) 641-8798.

Title of Document Transmitted:	SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT, FORM PTO-1449, AND CITED REFERENCES
Applicants:	Torsten Wipiejewski et al.
Serial No.:	10/723,976
Filed:	November 26, 2003
Group Art Unit:	2883
Title:	PHOTONIC DEVICE WITH SEGMENTED ABSORPTION DESIGN
Our Ref. No.:	G&C 122.45-US-U1

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

By: 
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 Reg. No.: 33,500

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Confirmation No.: 9501

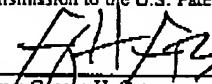
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Torsten Wipiejewski et al. Examiner: Not yet assigned
 Serial No.: 10/723,976 Group Art Unit: 2883
 Filed: November 26, 2003 Docket: G&C 122.45-US-U1
 Title: PHOTONIC DEVICE WITH SEGMENTED ABSORPTION DESIGN

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By: 
 Name: George H. Gates

MAIL STOP AMENDMENT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

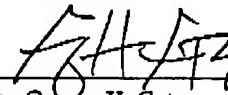
We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- Supplemental Information Disclosure Statement and Form PTO-1449.
- Cited Reference(s).

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462
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By: 
 Name: George H. Gates
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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By: 
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each foreign patent document and each non-patent document listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

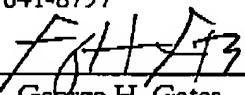
Respectfully submitted,

GATES & COOPER LLP
Attorneys for Applicant(s)

Howard Hughes Center
6701 Center Drive West, Suite 1050
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(310) 641-8797

Date: January 27, 2005

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By: 
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Sheet 1 of 1

Form 1449*		Docket Number: G&C 122.45-US-U1	Application Number: 10/723,976	
INFORMATION DISCLOSURE STATEMENT		Applicants: Torsten Wipicjewski et al.		
IN AN APPLICATION		Filing Date: November 26, 2003	Group Art Unit 2683	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
	Aimez, V., et al., "Low-energy ion-implantation-induced quantum-well intermixing," IEEE Journal of Selected Topics in Quantum Electronics, 8:870-879, 2002					
	Allard, M., et al., "Temperature determination in optoelectronic waveguide modulators," Journal of Lightwave Technology, 18:813-818, 2000					
	Bian, Z., et al., "High-power operation of electro-absorption modulators," Applied Physics Letters, 83:3605-3607, 2003					
	Claassen, M., et al., "Two-section electro-absorption modulator with negative chirp at low insertion loss," Electronics Lett., 32:2121-2122, 1996					
	Hamoudi, A., et al., "Controlled disordering of compressively strained InGaAsP multiple quantum wells under SiO ₂ :P encapsulant and application to laser-modulator integration," Journal of Applied Physics, 78:5638-5641, 1995					
	Jasmin, S., et al., "Diluted- and distributed- absorption microwave waveguide photodiodes for high efficiency and high power," IEEE Transactions on Microwave Theory and Techniques, 45:1337-1341, 1997					
	Mason, B., et al., "40-Gb/s Tandem Electro-absorption Modulator," IEEE Photon. Technol. Lett., 14:27-29, 2002					
	Murthy, S., et al., "A novel monolithic distributed traveling-wave photodetector with parallel optical feed," IEEE Photonics Technology Letters, 12:681-683, 2000					
	Nespoli, A., et al., "Analysis of failure mechanisms in velocity-matched distributed photodetectors," IEE Proc. Optoelectron, 146:25-30, 1999					
	Shi, J.-W., et al., "Theory and design of a tapered line distributed photodetector," Journal of Lightwave Technology, 20:1942-1950, 2002					
	Wipicjewski, T., et al., "Improved Performance of Vertical-Cavity Surface-Emitting Laser Diodes with Au-Plated Heat Spreading Layer," Electronics Lett., 31:279-281, 1995					
	Wipicjewski, T., et al., "Monolithic Integration of a Widely Tunable Laser Diode with a High Speed Electro-Absorption Modulator," 52 nd ECTC, San Diego, May 2002					

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

*Substitute Disclosure Statement Form (PTO-1449)

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G&C 122-45-US-U1